

10/524255

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PCT REQUEST

JGP 8683 WO

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| | | |
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| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.07.2003) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | United Kingdom Patent Office (RO/GB) |
| 0-7 | Applicant's or agent's file reference | JGP 8683 WO |
| I | Title of invention | SPRAY DISPENSER ASSEMBLY AND VESSEL THEREFOR |
| II | Applicant | |
| II-1 | This person is: | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | SHIELD MEDICARE LIMITED |
| II-5 | Address: | 5 Hurlands Business Park Hurlands Close Farnham, Surrey GU9 9JE United Kingdom |
| II-6 | State of nationality | GB |
| II-7 | State of residence | GB |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is: | applicant and inventor |
| III-1-2 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | SALVAGE, John, Richard |
| III-1-5 | Address: | Canford House Westfield Lane Wrecclesham Farnham, Surrey GU10 4QR United Kingdom |
| III-1-6 | State of nationality | GB |
| III-1-7 | State of residence | GB |

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| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent |
| IV-1-1 | Name (LAST, First) | PEARSON, James, Ginn |
| IV-1-2 | Address: | ABEL & IMRAY 20 Red Lion Street London, WC1R 4PQ United Kingdom |
| IV-1-3 | Telephone No. | +44 20 7242 9984 |
| IV-1-4 | Facsimile No. | +44 20 7242 9989 |
| IV-2 | Additional agent(s) | additional agent(s) with same address as first named agent |
| IV-2-1 | Name(s) | BARRY, Patrick, James; SENIOR, Janet; BARDO, Julian, Eason; MAIR, Richard, Douglas; HUMPHREYS, Ceris, Anne; COULSON, Antony, John; NETTLETON, John, Victor; LEILA, George, Conrad; DENNESS, James, Edward; CRITTEN, Matthew, Peter; BRADY, Paul, Andrew; WHITING, Gary; DARBY, David, Thomas; SILVESTON, Judith; SCOTT, Susan, Margaret; LEGG, Cyrus, James, Grahame |
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT |

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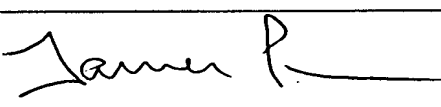
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| | | |
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| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 13 August 2002 (13.08.2002) |
| VI-1-2 | Number | 0218801.9 |
| VI-1-3 | Country | GB |
| VI-2 | Priority claim of earlier national application | |
| VI-2-1 | Filing date | 13 August 2002 (13.08.2002) |
| VI-2-2 | Number | 60/403,476 |
| VI-2-3 | Country | US |
| VI-3 | Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1 |
| VII-1 | International Searching Authority Chosen | European Patent Office (EPO) (ISA/EP) |

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| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | — | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | — | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | — | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | — | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | — | |
| IX | Check list | number of sheets | electronic file(s) attached |
| IX-1 | Request (including declaration sheets) | 5 | — |
| IX-2 | Description | 13 | — |
| IX-3 | Claims | 4 | — |
| IX-4 | Abstract | 1 | EZABST00.TXT |
| IX-5 | Drawings | 3 | — |
| IX-7 | TOTAL | 26 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | ✓ | — |
| IX-9 | Original separate power of attorney | ✓ | — |
| IX-17 | PCT-EASY diskette | — | Diskette |
| IX-19 | Figure of the drawings which should accompany the abstract | 1 | |
| IX-20 | Language of filing of the international application | English | |
| X-1 | Signature of applicant, agent or common representative |  | |
| X-1-1 | Name (LAST, First) | PEARSON, James, Ginn | |

FOR RECEIVING OFFICE USE ONLY

| | | |
|--------|---|--------|
| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/EP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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| 11-1 | Date of receipt of the record copy by the International Bureau | |
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

| | | | |
|--------|---|---|---------------------|
| 0 | For receiving Office use only | | |
| 0-1 | International Application No. | | |
| 0-2 | Date stamp of the receiving Office | | |
| 0-4 | Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet | | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.07.2003) | |
| 0-9 | Applicant's or agent's file reference | JGP 8683 WO | |
| 2 | Applicant | SHIELD MEDICARE LIMITED, et al. | |
| 12 | Calculation of prescribed fees | fee amount/multiplier | Total amounts (GBP) |
| 12-1 | Transmittal fee T | ⇒ | 55 |
| 12-2-1 | Search fee S | ⇒ | 640 |
| 12-2-2 | International search to be carried out by | EP | |
| 12-3 | International fee | | |
| | Basic fee | | |
| | (first 30 sheets) b1 | 278 | |
| 12-4 | Remaining sheets | 0 | |
| 12-5 | Additional amount (X) | 6 | |
| 12-6 | Total additional amount b2 | 0 | |
| 12-7 | b1 + b2 = B | 278 | |
| 12-8 | Designation fees | | |
| | Number of designations contained in international application | 97 | |
| 12-9 | Number of designation fees payable (maximum 5) | 5 | |
| 12-10 | Amount of designation fee (X) | 60 | |
| 12-11 | Total designation fees D | 300 | |
| 12-12 | PCT-EASY fee reduction R | -86 | |
| 12-13 | Total International fee (B+D-R) I | ⇒ | 492 |
| 12-14 | Fee for priority document | | |
| | Number of priority documents requested | 1 | |
| 12-15 | Fee per document (X) | 22 | |
| 12-16 | Total priority document fee P | ⇒ | 22 |
| 12-17 | TOTAL FEES PAYABLE (T+S+I+P) | ⇒ | 1,209 |
| 12-19 | Mode of payment | cheque | |

VALIDATION LOG AND REMARKS

| | | |
|--------|------------------------------|--|
| 13-2-3 | Validation messages Names | Green? Applicant 1.:Telephone No. missing |
| | | Green? Applicant 1.:Facsimile No. missing |

| | | |
|--------|---------------------------------|---|
| 13-2-7 | Validation messages Contents | Green? The abstract appears to be more than 150 words, applicant is reminded that it should be as concise as the disclosure permits (preferably 50 to 150 words if it is in English or when translated into English) |
| | | Green? Priority 2. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed) |

Best Available Copy

A spray dispenser assembly 1 for the dispensing of liquids suitable for use in clean-room environments comprising (a) a collapsible liquid impermeable vessel 4 having an open end comprising a neck portion 5 provided with a collar 8 that is more rigid than the vessel 4; the collar 8 being adapted to sealingly engage with seal means 12 provided between the extraction means of the spray dispenser assembly 1 and the vessel 4; (b) extraction means for extracting liquid from the vessel 4 and dispensing the liquid as a spray; and (c) seal means 12 arranged in sealing position to substantially seal the vessel to the extraction means and substantially inhibit the ingress of air into the vessel 4; the seal means 12 and extraction means being arranged such that the extraction means is operable to dispense liquid from the vessel 4 whilst the seal means 12 is in a sealing position. Collapsible vessels for use in such spray assemblies and kits comprising the collapsible vessels are also disclosed.

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PCT-EASY INFORMATION SHEET

(For applicant use only, DO NOT submit this sheet with the international application)

VALIDATION LOG

| | |
|---------------|---|
| Green? | Names |
| Green? | Applicant 1.:Telephone No. missing |
| Green? | Applicant 1.:Facsimile No. missing |
| Green? | Contents |
| Green? | The abstract appears to be more than 150 words, applicant is reminded that it should be as concise as the disclosure permits (preferably 50 to 150 words if it is in English or when translated into English) |
| Green? | Priority 2. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed) |

Before submitting the International Application, please carefully verify that:

- the information contained on printed Request form is correct;
- Box X of the Request form has been signed;
- all elements of the international application as indicated in Boxes VIII and IX of the Request form have been attached; and,
- the diskette containing the PCT-EASY zip file of the International Application has been enclosed and has been clearly labeled "PCT-EASY", with the applicant's or agent's file reference, and the first applicant's name.

ATTENTION

DO NOT modify any indications on the Request form printout. The electronic version of the PCT-EASY application has been locked.

If an error or an omission is discovered at this time, you must reopen the stored form for submission, perform necessary amendments and immediately resubmit the form. Finally, a NEW submission diskette must be created manually by resending the corrected stored form to the diskette. The previously created printout and submission diskette must be destroyed in order to prevent the possibility of erroneously sending it to the RO.

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